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IS 3751 (1993): Textiles - Heavy cee jute cloth [TXD 3:
Jute and Jute Products]



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IS 3751: 1993

भारतीय मानक

वस्त्रादि — हैवी सी पटसन का कपड़ा — विशिष्ट

(पहला पुनरीक्षण)

Indian Standard

TEXTILES — HEAVY CEE JUTE CLOTH —
SPECIFICATION

(*First Revision*)

UDC 677.13.064

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110 002

May 1993

Price Group 1

Jute and Jute Products Sectional Committee, TX 03

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Jute and Jute Products Sectional Committee had been approved by the Textile Division Council.

This standard was first published in 1966. This standard is being revised so as to align it with IS 9113 : 1992 regarding general requirements and criteria of conformity.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*). The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

TEXTILES — HEAVY CEE JUTE CLOTH — SPECIFICATION

(First Revision)

1 SCOPE

This standard prescribes constructional details and other requirements of heavy cee jute cloth.

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard :

IS No.	Title
1954 : 1990	Methods for determination of length and width of fabrics (<i>second revision</i>)
1963 : 1981	Method for determination of threads per unit length in woven fabrics (<i>second revision</i>)
1969 : 1985	Method for determination of breaking load and elongation of woven textile fabrics (<i>second revision</i>)
2387 : 1969	Method for determination of weight of jute fabrics (<i>first revision</i>)
2873 : 1991	Textile — Packaging of jute products in bales—Specification (<i>first revision</i>)
2969 : 1974	Method for determination of oil content of jute yarn and fabrics (<i>first revision</i>)
5476 : 1986	Glossary of terms relating to jute (<i>first revision</i>)

*IS No.**Title*

9030 : 1979	Method for determination of seam strength of jute fabrics including their laminates
9113 : 1992	Textile — Jute sacking — General requirement (<i>first revision</i>)

3 TERMINOLOGY

For the purpose of this standard, the definitions given in IS 5476 : 1986 shall apply.

4 GENERAL REQUIREMENTS

4.1 The heavy cee jute cloth shall be woven with jute yarn in double warp in plain weave. The cloth shall be of uniform construction with firm and straight selvages. If agreed to between the buyer and the seller there shall be coloured stripes woven according to the agreement.

4.2 Freedom from Defects

The cloth should be generally free from weaving defects, such as holes, cuts, tears, floats, crushed selvages, spots, stains.

5 SPECIFIC REQUIREMENTS

5.1 The cloth shall conform to the requirements specified in Table 1.

5.2 The bales containing the cloth shall conform to the requirements specified in Table 2.

Table 1 Particulars of Heavy Cee Jute Cloth
(*Clause 5.1*)

SI No	Characteristic	Requirement	Tolerance	Method of Test
i)	Width	71 cm	+4 cm —0 cm	IS 1954 : 1990
ii)	Mass per square metre	673 g	+67 g —51 g	IS 2387 : 1969
iii)	Ends per dm	68	±4	IS 1963 : 1981
iv)	Picks per dm	35	±2	IS 1963 : 1981
v)	Average breaking load of sacking (<i>Min</i>) (revelled strip method, 10×20 cm)			IS 1969 : 1985
	Warpway	160 kg	—	
	Weftway	180 kg	—	

NOTE — The buyer and the seller may agree to the width other than specified above. In that case, tolerance of $\begin{matrix} +4 \\ -0 \end{matrix}$ cm shall apply,

**Table 2 Requirements of Packed Bales
(Clause 5.2)**

Sl No.	Characteristic	Requirement	Method of Test
i)	Total length of fabric per bale	As declared or specified	IS 1954 : 1990
ii)	Number of medium and short cuts per bale	<i>see</i> clause 5.1.7 of IS 2873 : 1991	—
iii)	Contract mass of a bale	As declared or specified	—
iv)	Corrected net mass of a bale	Not less than contract mass	8.1 of IS 9113 : 1992
v)	Moisture regain	22 percent, <i>Max</i>	8.2 of IS 9113 : 1992
vi)	Oil content on dry deoiled material basis	8.0 percent, <i>Max</i>	IS 2969 : 1974

6 PACKING

The cloth shall be packed in bales as prescribed in IS 2873:1991 or as specified in an agreement between the buyer and seller.

7 MARKING

7.1 The bales shall be marked as prescribed in IS 2873 : 1991. Additional markings shall be made as stipulated by the buyer or required by the regulation or law in force.

7.2 The bales may also be marked with the Standard Mark.

8 SAMPLING AND CRITERIA FOR CONFORMITY

8.1 The sampling shall be as laid down in IS 9113 : 1992.

8.2 The lot shall be considered as conforming to the requirements of this standard if the conditions as laid down in IS 9113 : 1992 are satisfied.

**AMENDMENT NO. 1 OCTOBER 2005
TO
S 3751:1993 TEXTILES — HEAVY CEE JUTE CLOTH —
SPECIFICATION**

(First Revision)

[Page 2, Table 2, Sl No. (vi), Under 'Requirement'] — Substitute '3' for
0'.

(X 03)

Reprography Unit, BIS, New Delhi, India

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Amendments Issued Since Publication

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